

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PROCESSING OF CHEMICALS IN FLOW-THROUGH DEVICE WITH POROUS MEDIA, the specification of which:

is attached hereto.
 was filed on December 15, 2003 as Application Serial No. 10/736,338.
 was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

U.S. Serial No.	Filing Date	Status
------------------------	--------------------	---------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Serial No.	Filing Date	Status
10/321,229	December, 17, 2002	Pending
10/136,131	May 1, 2002	Issued

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed
----------------	------------------------	--------------------	-------------------------

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

William E. Booth, Reg. No. 28,933

Robert J. Silverman, Reg. No. 42,149



Attorney's Docket No.: 03109-050001

Client's Ref. No.:

Combined Declaration and Power of Attorney

Page 2 of 3 Pages

Direct all telephone calls to WILLIAM E. BOOTH at telephone number (617) 542-5070.

Direct all correspondence to the following:

26161
PTO Customer Number

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: SHAHNAZ GHASSEMI JAMALABADI, PH.D

Inventor's Signature: _____ Date: _____
Residence Address: Charlottesville, VA
Citizenship: United States
Post Office Address: 126 Fontana Court
Charlottesville, VA 22911

Full Name of Inventor: PETER C. RAHN

Inventor's Signature: _____ Date: _____
Residence Address: Palmyra, Virginia
Citizenship: United States
Post Office Address: 2 Sandtrap Terrace
Palmyra, Virginia 22963

Full Name of Inventor: KELVIN J. HAMMOND

Inventor's Signature: _____ Date: _____
Residence Address: Charlottesville, VA
Citizenship: United Kingdom
Post Office Address: 3330 Coleman Drive
Charlottesville, VA 22901

Full Name of Inventor: OMAR MNEIMNE

Inventor's Signature: _____ Date: _____
Residence Address: Charlottesville, VA - MONROE, CT
Citizenship: United States
Post Office Address: 309 Pleasant Place - 109 SETTLEYS FARM RD.
Charlottesville, VA 22911 - MONROE, CT 06468

Combined Declaration and Power of Attorney
Page 2 of 3 Pages

Direct all telephone calls to WILLIAM E. BOOTH at telephone number (617) 542-5070.

Direct all correspondence to the following:

26161
PTO Customer Number

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: SHAHNAZ GHASSEMI JAMALABADI, PH.D

Inventor's Signature: shahnaz Ghassemi Date: 5/4/04
Residence Address: Charlottesville, VA Jamalabadi
Citizenship: United States
Post Office Address: 126 Fontana Court
Charlottesville, VA 22911

Full Name of Inventor: PETER C. RAIN

Inventor's Signature: Peter C. Rain Date: 4/29/2004
Residence Address: Palmyra, Virginia
Citizenship: United States
Post Office Address: 2 Sandtrap Terrace
Palmyra, Virginia 22963

Full Name of Inventor: KELVIN J. HAMMOND

Inventor's Signature: Kelvin J. Hammond Date: 5/5/04
Residence Address: Charlottesville, VA
Citizenship: United Kingdom
Post Office Address: ~~3330 Coleman Drive~~ 71 LAGUNA RD
~~Charlottesville, VA 22901~~ LAKE MONTICELLO
PALMYRA
VIRGINIA
22963 KN

Full Name of Inventor: OMAR MNEIMNE

Inventor's Signature: _____ Date: _____
Residence Address: Charlottesville, VA
Citizenship: United States
Post Office Address: 309 Pleasant Place
Charlottesville, VA 22911

Combined Declaration and Power of Attorney
Page 3 of 3 Pages

Full Name of Inventor: JEFFREY A. HORSMAN

Inventor's Signature: J. Horsman

Jeffrey A. Horsman

Date: 4/29/04

Residence Address: Charlottesville, VA

Citizenship: United Kingdom

Post Office Address: 1033 Wintergreen Lane
Charlottesville, VA 22903

Full Name of Inventor: PETER C. VAN DAVELAAR

Inventor's Signature: Peter C. Van Davelaar

Date: 5/4/04

Residence Address: Glen Allen, VA

Citizenship: United States

Post Office Address: 4621 Sadler Grove Way
Glen Allen, VA 23060

20772203.doc